

Subject: Editorial comments on Section 16
 From: Van Snyder

1 Edits

Edits refer to 02-007r3. Page and line numbers are displayed in the margin. Absent other instructions, a page and line number or line number range implies all of the indicated text is to be replaced by associated text, while a page and line number followed by + (-) indicates that associated text is to be inserted after (before) the indicated line. Remarks are noted in the margin, or appear between [and] in the text.

[Overly wordy sentence. Editor: Delete “Within . . . construct” at [399:37]. Capitalize the first “an” at [399:38]. Insert “contained” before the first “FORALL”.] 399:37-38

[Note 16.19 has nothing to do with anything nearby. Editor: Move it to [413:6+].] 412:top

[16.5.6 is about events, not enduring conditions. All of the other items say “becomes undefined” instead of “is undefined”. Editor: “is undefined” ⇒ “becomes undefined” five times (but don’t bother with item (12c) because it gets replaced below).] 412:29-37

[“An” ⇒ “A nonpointer”.] 412:29

[Inconsistent with the “continuous association” model, the phrase is mangled, and item (12c) overlooks components that have default initialization. Editor: “A” ⇒ “An actual argument associated with a nonpointer”; insert “of” after “subcomponents”; delete “(c) An actual ... undefined;” at [412:33-34] (that’s the whole list item).] 412:31-34

[Editor: Insert “nonpointer” before “subobject”.] 412:35

[Editor: “The” ⇒ “A nonpointer”; insert a comma after “undefined”; insert “of its” after “any”; delete “of the result”.] 412:37-38

[16.5.6 is about events, not enduring conditions. Editor: “has completed” ⇒ “completes”. All of the index names become undefined. Editor: “*index-name*” ⇒ “*index-names*”; “becomes” ⇒ “become”.] 412:41

2 Technical changes or editorial changes?

(b $\frac{1}{2}$) A function is invoked for which the result variable is not a pointer and the object is the result variable, 404:20+

(5) The pointer is an ultimate component of a nonpointer object, default initialization is not specified for the component, and 405:1-3

(a) a procedure is invoked with this object as an actual argument corresponding to a dummy argument with INTENT(OUT), or

(b) a function is invoked for which this object is the result variable, or

[There are numerous reasons for an object to become undefined listed in 16.5.6. One wonders why only a fraction of them cause the association status of their pointer components to become undefined. Perhaps this should be:]

(5) The pointer is an ultimate component of a nonpointer object that becomes undefined and default initialization is not specified for the component, or

1 (7) A function is invoked for which the pointer is the result variable.

405:5+